

FUEL ADDITIVE FOR SLAGGING PREVENTION AND METHOD FOR BURNING FUEL

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Abstract of JP2003261889

<P>PROBLEM TO BE SOLVED: To provide a fuel additive which prevents slagging caused by ash contained in a fuel when the fuel, especially one having a high ash content such as coal or oil coke, is burned; and a method for burning a fuel by using the additive. <P>SOLUTION: This fuel additive is a composition prepared by dispersing, in water and/or oil, at least one kind of superfine particles having particle sizes of 3-200 nm and selected from among Al compound particles, Si compound particles, Ti compound particles, and Zr compound particles and an alkali metal compound (R=Na or K) in a concentration (in terms of R<SB>2</SB>O) of 0.01-2 wt.%. The additive is added to a liquid or solid fuel before burning. <P>COPYRIGHT: (C)2003,JPO

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